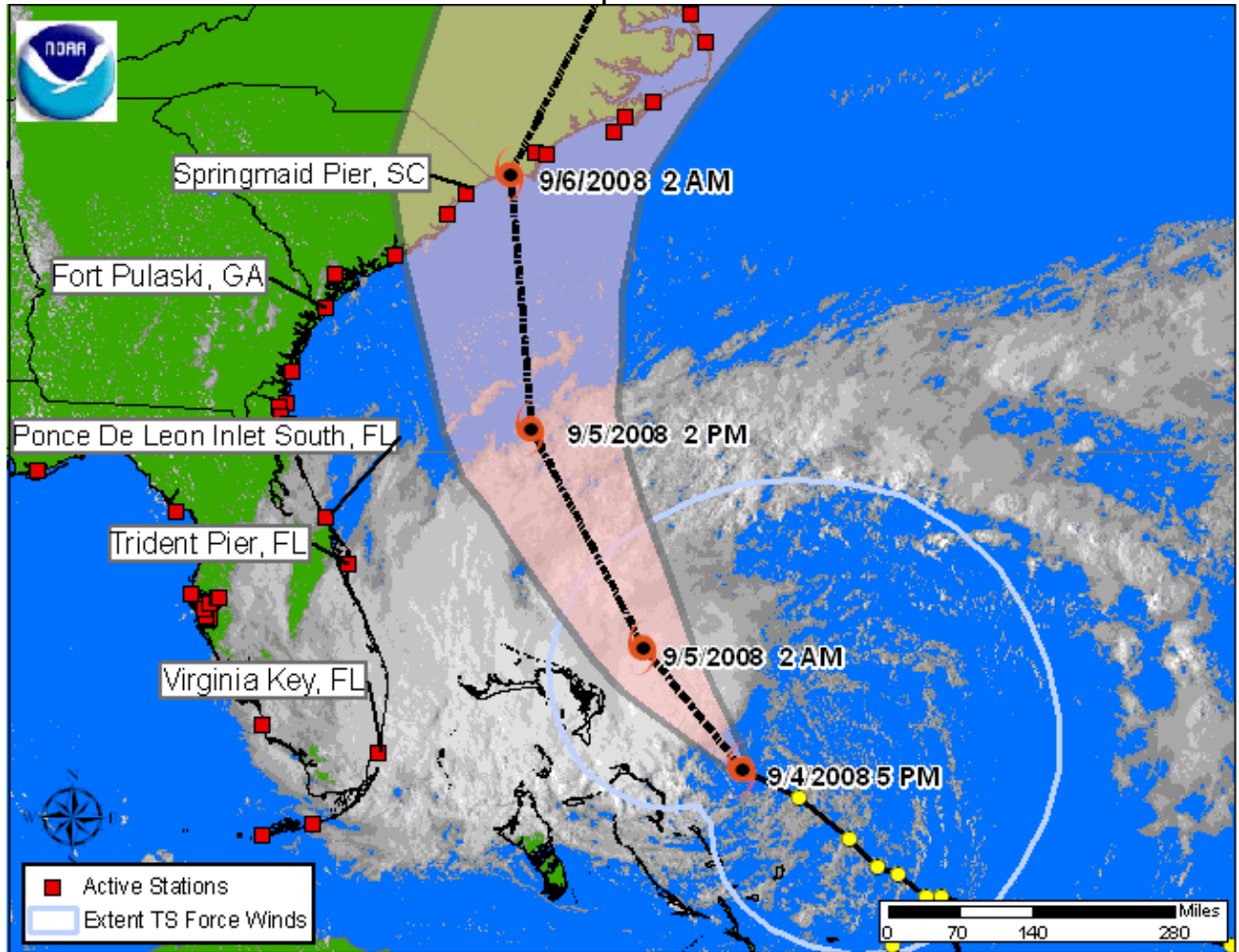




Tropical Storm HANNA QuickLook  
Posted: 19:00 EDT 09/04/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 19:00 EDT water levels are slightly elevated (0.6-1.4 feet) along western Florida coast. Water levels are currently at or near predicted tidal levels at stations throughout southern Georgia and South Carolina. Barometric pressure is decreasing overall.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Virginia Key, FL: Next predicted high tide is 2.261 ft (0.69 m) at 09/05/2008 01:03 EDT.

Trident Pier, FL: Next predicted high tide is 3.312 ft (1.01 m) at 09/04/2008 23:48 EDT.

Ponce De Leon Inlet South, FL: Next predicted high tide is 3.312 ft (1.01 m) at 09/05/2008

00:33 EDT.

Fernandina Beach, FL: Next predicted high tide is 5.751 ft (1.75 m) at 09/05/2008 01:00 EDT.

Fort Pulaski, GA: Next predicted high tide is 6.631 ft (2.02 m) at 09/05/2008 00:12 EDT.

Springmaid Pier, SC: Next predicted high tide is 4.711 ft (1.44 m) at 09/04/2008 23:36 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG/ND

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM HANNA ADVISORY NUMBER 32

500 PM EDT THU SEP 04 2008

NEW WATCHES AND WARNINGS FOR HANNA

AT 5 PM EDT 2100 UTC A TROPICAL STORM WARNING HAS BEEN ISSUED FROM THE SAVANNAH RIVER NORTHWARD TO THE NORTH CAROLINA/VIRGINIA BORDER INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 5 PM EDT THE HURRICANE WATCH IS EXTENDED NORTHWARD AND IS NOW IN EFFECT FROM NORTH OF EDISTO BEACH SOUTH CAROLINA TO CURRITUCK BEACH LIGHT INCLUDING PAMLICO SOUND.

AT 5 PM EDT A TROPICAL STORM WATCH HAS BEEN ISSUED FROM THE NORTH CAROLINA/ VIRGINIA BORDER NORTHWARD TO GREAT EGG INLET NEW JERSEY INCLUDING THE CHESAPEAKE BAY THE TIDAL POTOMAC WASHINGTON D.C AND THE DELAWARE BAY. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM THE SAVANNAH RIVER SOUTHWARD TO ALTAMAHA SOUND GEORGIA.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE CENTRAL AND NORTHWESTERN BAHAMAS.

AT 500 PM EDT 2100Z THE CENTER OF TROPICAL STORM HANNA WAS LOCATED ABOUT 155 MILES EAST-NORTHEAST OF NASSAU AND ABOUT 625 MILES SOUTH-SOUTHEAST OF WILMINGTON NORTH CAROLINA.

HANNA IS MOVING TOWARD THE NORTHWEST NEAR 14 MPH AND THIS MOTION IS EXPECTED TO CONTINUE DURING THE NEXT DAY OR SO WITH

**A GRADUAL INCREASE IN FORWARD SPEED. A TURN TO THE NORTH IS EXPECTED BY LATE FRIDAY. ON THE FORECAST TRACK THE CENTER OF HANNA WILL PASS JUST EAST OF THE NORTHWESTERN BAHAMAS TODAY AND WILL BE NEAR THE SOUTHEAST COAST OF THE UNITED STATES BY LATE FRIDAY. HOWEVER RAINS AND WINDS ASSOCIATED WITH HANNA WILL REACH THE COAST WELL IN ADVANCE OF THE CENTER.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 65 MPH WITH HIGHER GUSTS. ONLY SLIGHT STRENGTHENING IS FORECAST PRIOR TO LANDFALL ALTHOUGH IT IS STILL POSSIBLE FOR HANNA TO BECOME A HURRICANE.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 315 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER.**

**THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY RECONNAISSANCE AIRCRAFT WAS 988 MB.**

**HANNA COULD PRODUCE RAINFALL TOTALS OF 2 TO 3 INCHES OVER THE NORTHERN BAHAMAS AND THE EASTERN PORTIONS OF SOUTH AND NORTH CAROLINA WITH MAXIMUM ISOLATED AMOUNTS OF 5 INCHES POSSIBLE. RAINFALL TOTALS OF 1 TO 3 INCHES ARE POSSIBLE FROM THE GEORGIA COAST SOUTHWARD TO THE CENTRAL FLORIDA COAST. VERY HEAVY RAINFALL AMOUNTS ARE LIKELY TO SPREAD RAPIDLY NORTHWARD INTO THE MID ATLANTIC STATES AND NEW ENGLAND FROM FRIDAY NIGHT INTO SATURDAY AND MAY RESULT IN FLOODING.**

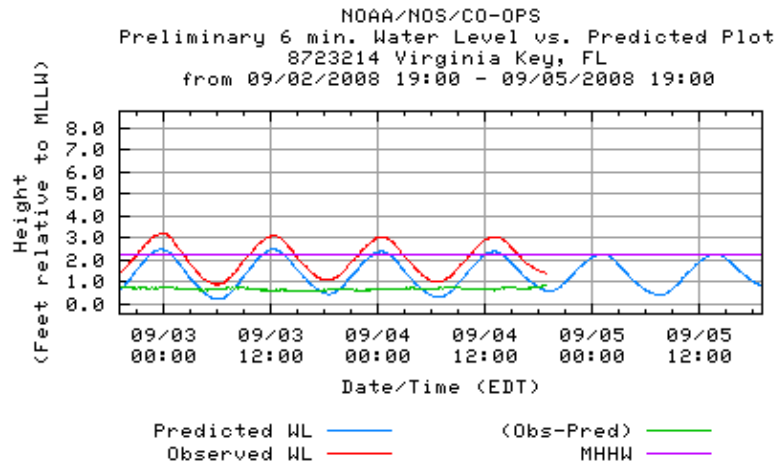
**COASTAL STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE EAST OF THE PATH OF THE CENTER OF HANNA.**

**FORECASTER FRANKLIN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Air/Water Temp](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Fort Pulaski - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Air/Water Temp](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#).

**Virginia Key, FL - Station Map** [Return to List](#)

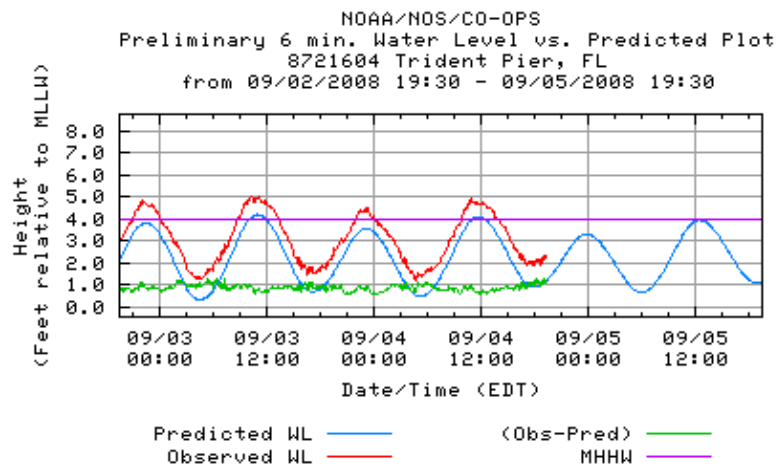


Last Observed Sample: 09/04/2008 18:48 (EDT)

Relative to **MLLW**: **Observed: 1.39 ft. Predicted: 0.59 ft. Residual: 0.80 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Trident Pier, FL - Station Map** [Return to List](#)

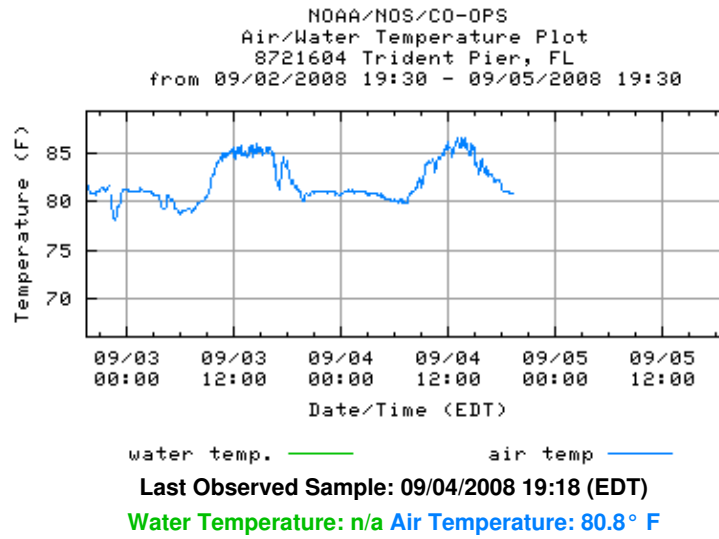


Last Observed Sample: 09/04/2008 19:18 (EDT)

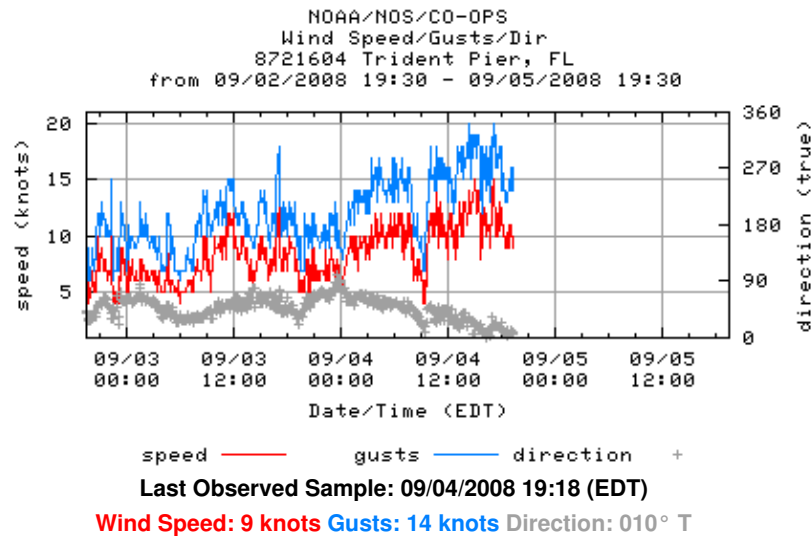
Relative to **MLLW**: **Observed: 2.28 ft. Predicted: 1.17 ft. Residual: 1.11 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

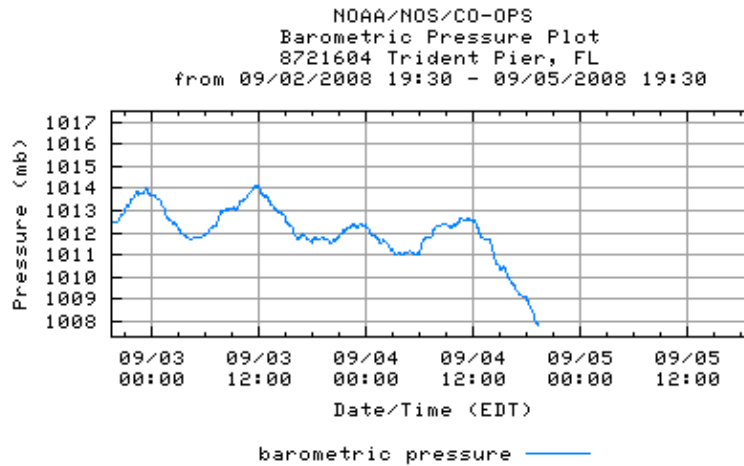
**Trident Pier, FL - Station Map** [Return to List](#)



**Trident Pier, FL - Station Map** [Return to List](#)



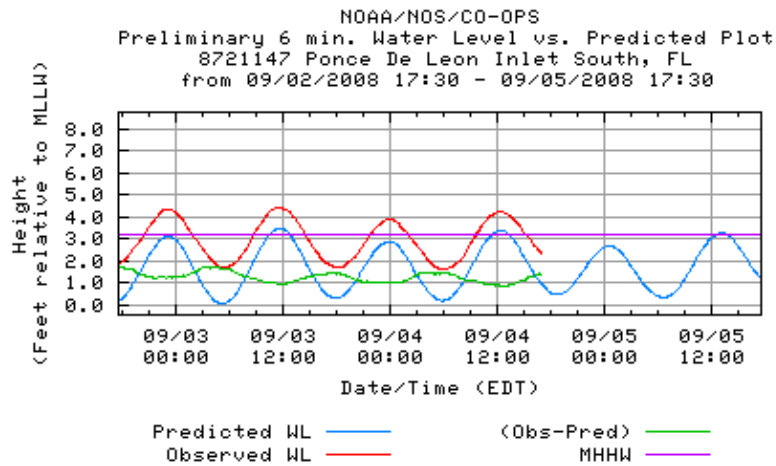
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/04/2008 19:18 (EDT)

Barometric Pressure: 1007.8 mb

**Ponce De Leon Inlet South, FL - Station Map** [Return to List](#)

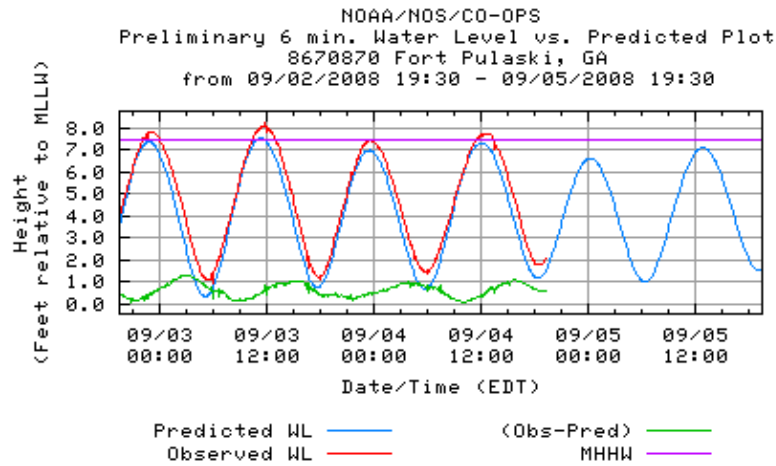


Last Observed Sample: 09/04/2008 16:54 (EDT)

Relative to **MLLW**: **Observed: 2.34 ft. Predicted: 0.94 ft. Residual: 1.40 ft.**

Historical Maximum Water Level: n/a

**Fort Pulaski, GA - Station Map** [Return to List](#)

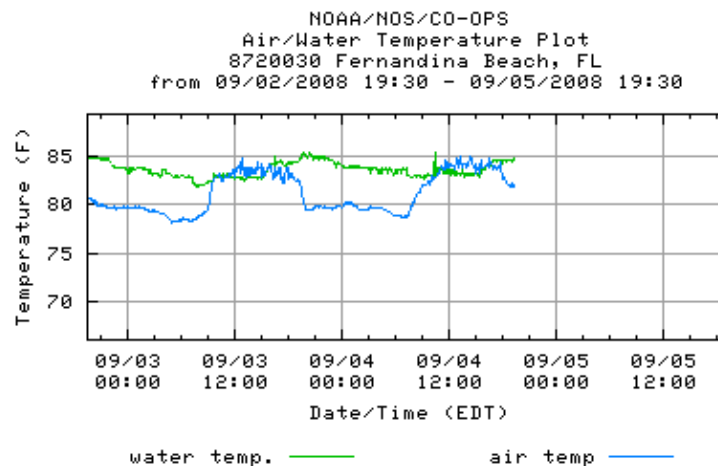


Last Observed Sample: 09/04/2008 19:12 (EDT)

Relative to **MLLW**: **Observed: 2.03 ft. Predicted: 1.47 ft. Residual: 0.56 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

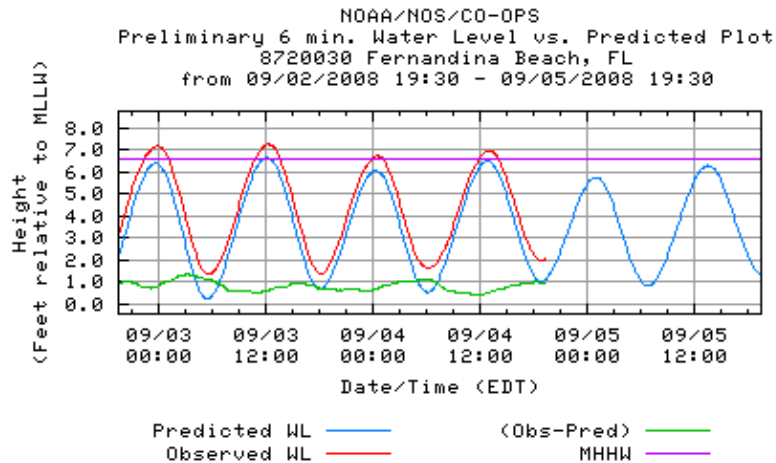
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/04/2008 19:18 (EDT)

**Water Temperature: 84.6° F Air Temperature: 81.9° F**

**Fernandina Beach, FL - Station Map** [Return to List](#)

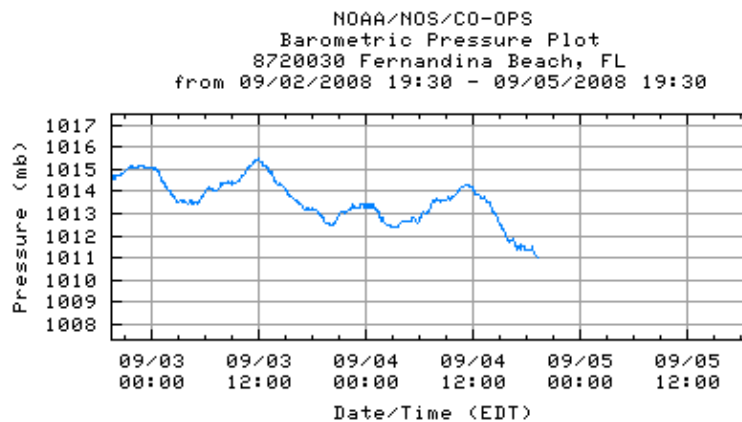


Last Observed Sample: 09/04/2008 19:18 (EDT)

Relative to **MLLW**: **Observed: 2.04 ft. Predicted: 1.10 ft. Residual: 0.94 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

**Fernandina Beach, FL - Station Map** [Return to List](#)

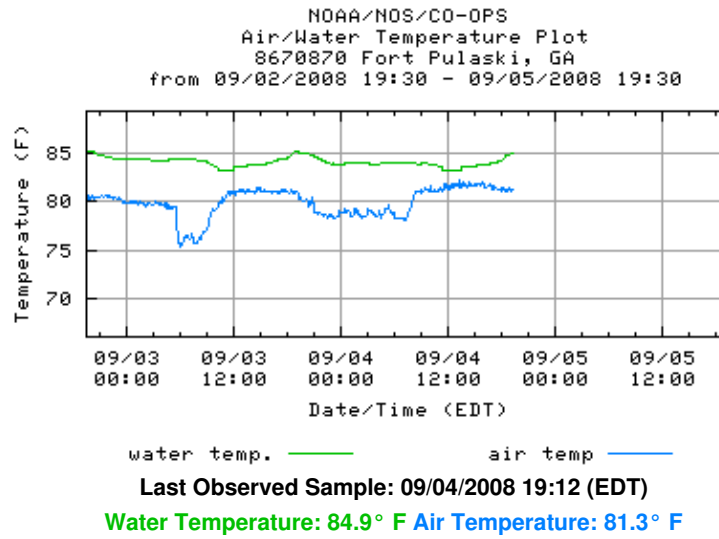


Last Observed Sample: 09/04/2008 19:18 (EDT)

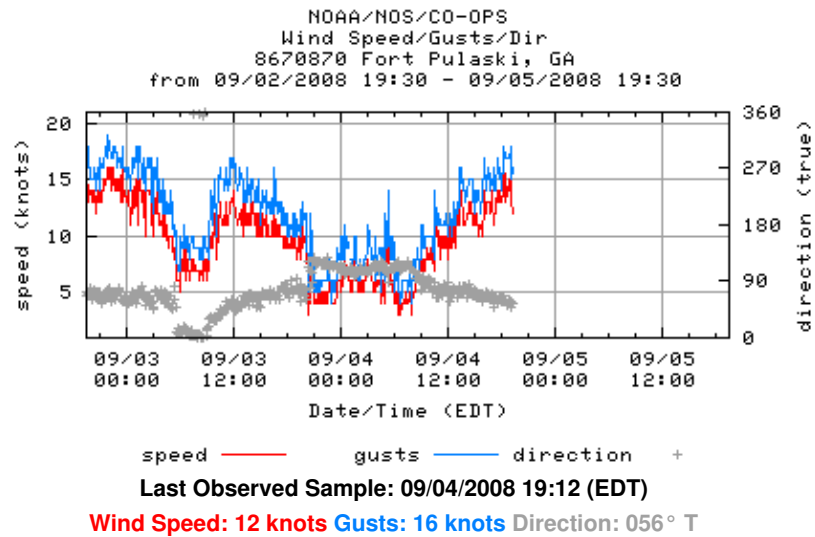
**Barometric Pressure: 1011.0 mb**



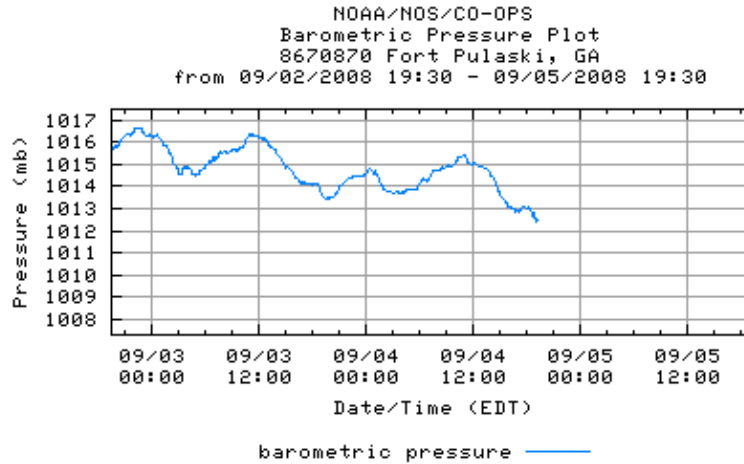
**Fort Pulaski, GA - Station Map** [Return to List](#)



**Fort Pulaski, GA - Station Map** [Return to List](#)



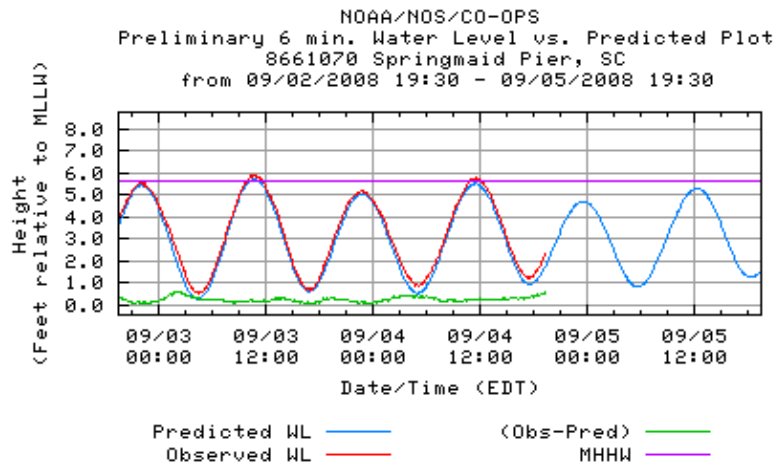
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 09/04/2008 19:12 (EDT)

Barometric Pressure: 1012.5 mb

**Springmaid Pier, SC - Station Map** [Return to List](#)

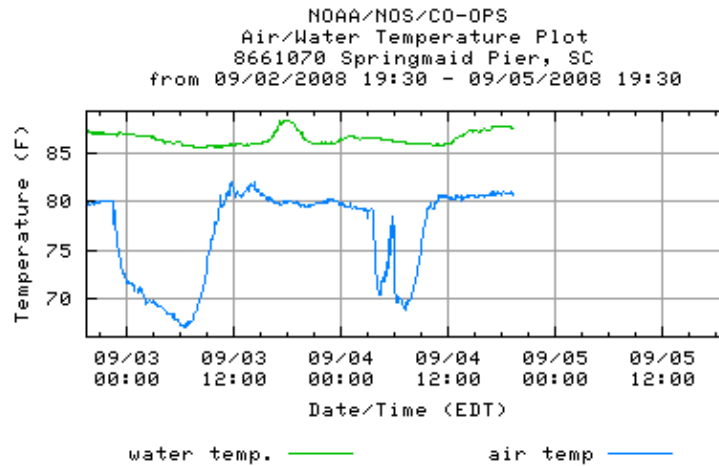


Last Observed Sample: 09/04/2008 19:18 (EDT)

Relative to **MLLW**: Observed: 2.30 ft. Predicted: 1.75 ft. Residual: 0.55 ft.

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

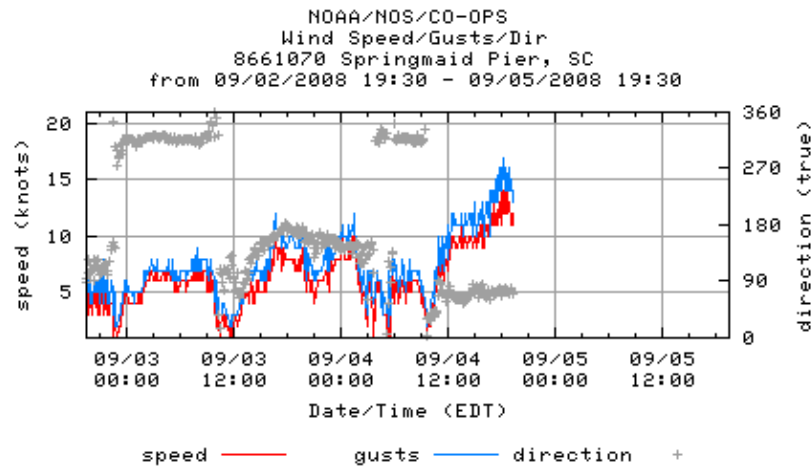
**Springmaid Pier, SC - Station Map** [Return to List](#)



Last Observed Sample: 09/04/2008 19:18 (EDT)

Water Temperature: 87.6° F Air Temperature: 80.8° F

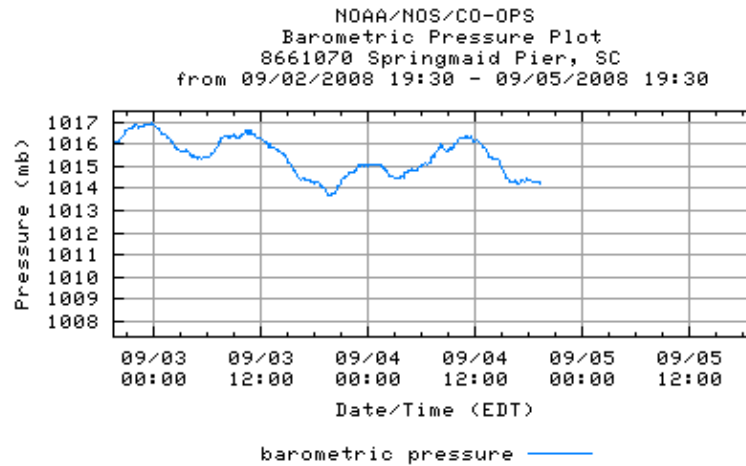
**Springmaid Pier, SC - Station Map** [Return to List](#)



Last Observed Sample: 09/04/2008 19:18 (EDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 074° T

**Springmaid Pier, SC - Station Map** [Return to List](#)



**Last Observed Sample: 09/04/2008 19:18 (EDT)**

**Barometric Pressure: 1014.2 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce